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* Admitted in TX only
 ** Admitted in CT only

September 9, 2004

MS Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/624,785
 For: *USE OF CREATINE OR CREATINE ANALOGS FOR THE PREVENTION
 AND TREATMENT OF TRANSMISSIBLE SPONGIFORM
 ENCEPHALOPATHIES*
 Inventors: Kaddurah-Daouk, Rima *et al.*
 Filed: July 22, 2003
 Our Ref. No.: AVZ-019CN

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449; and
3. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450:

September 9, 2004

Date

Merideth C. Arnold, Esq., Reg. No. 52,568

Respectfully submitted,
 LAHIVE & COCKFIELD, LLP

Merideth C. Arnold, Esq.
 Registration No. 52,568
 Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Kaddurah-Daouk, Rima *et al.*

Serial No.: 10/624,785

Filed: July 22, 2003

For: *USE OF CREATINE OR CREATINE ANALOGS
FOR THE PREVENTION AND TREATMENT OF
TRANSMISSIBLE SPONGIFORM
ENCEPHALOPATHIES*

Attorney Docket No.: AVZ-019CN

Group Art Unit: 1615

Examiner: Not Yet Assigned

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date set forth below.

September 9, 2004
Date of Signature and of Mail Deposit

By:

Merideth G. Arnold, Esq.

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their Attorney are aware of the following patents, publications or other information, which are cited on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration.

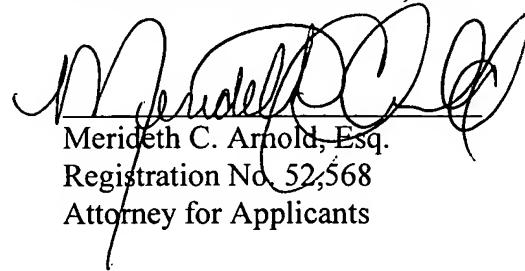
The present application is a Continuation Application of U.S. Serial No. 09/602466, filed June 23, 2000 (Atty. Docket No. AVZ-019). All references listed on the enclosed PTO Form 1449 have been previously cited by or submitted to the Office

in the prior application, and, in accordance with 37 CFR §1.98(d), copies of these references are not enclosed herewith, but will be provided upon request.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP



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Date: September 9, 2004

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APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO AVZ-019CN	SERIAL NO. 10/624785
O I P E LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Kaddurah-Daouk, Rima et al.	
		FILING DATE July 22, 2003	GROUP 1615



U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1 5,091,404	02/92	Elgebaly	514	401	
	5,272,055	12/93	Haley	435	6	
	A2 5,324,731	06/94	Kaddurah-Daouk et al.	514	275	
	A3 5,321,030	06/94	Kaddurah-Daouk et al.	514	275	
	5,998,149	12/99	Hsich et al.	435	7.1	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	A4 WO 90/09192	08/90	PCT			
	A5 WO 92/08456	05/92	PCT			
	A6 WO 96/14063	05/96	PCT			
	GB 2315672	02/98	UK			

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A7	Anderson RM, et al. "Transmission dynamics and epidemiology of BSE in British cattle" <i>Nature</i> . 1996 Aug 29;382(6594):779-88
A8	Annesley TM, et al. "Cyclocreatine phosphate as a substitute for creatine phosphate in vertebrate tissues. Energistic considerations". <i>Biochem Biophys Res Commun</i> . 1977 Jan 10;74(1):185-90
A9	Annesley TM, et al. "Formation and utilization of novel high energy phosphate reservoirs in Ehrlich ascites tumor cells. Cyclocreatine-3-P and creatine-P". <i>J Biol Chem</i> . 1978 Nov 25;253(22):8120-5
A10	Basler K, et al. "Scrapie and cellular PrP isoforms are encoded by the same chromosomal gene." <i>Cell</i> . 1986 Aug 1;46(3):417-28
A11	Brown P. "The risk of bovine spongiform encephalopathy ('mad cow disease') to human health". <i>JAMA</i> . 1997 Sep 24;278(12):1008-11
A12	Brady ST, et al. "Nerve-specific enolase and creatine phosphokinase in axonal transport: soluble proteins and the axoplasmic matrix" <i>Cell</i> . 1981 Feb;23(2):515-23
A13	Cadoux-Hudson TA, et al. "Imaging of human brain creatine kinase activity in vivo." <i>FASEB J</i> . 1989 Dec;3(14):2660-6
A14	Cashman NR. "A prion primer" <i>CMAJ</i> . 1997 Nov 15;157(10):1381-5
A15	Chandler WL, et al. "Regional creatine kinase, adenylate kinase, and lactate dehydrogenase in normal canine brain" <i>Stroke</i> . 1988 Feb;19(2):251-5

Examiner	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

B1	Clark WW, et al. "Encephalopathy in cattle experimentally infected with the scrapie agent" <i>Am J Vet Res.</i> 1995 May;56(5):606-12
B2	Collee JG, et al. "BSE: a decade on--Part I". <i>Lancet.</i> 1997 Mar 1;349(9052):636-41
B3	Collinge J, et al. "Unaltered susceptibility to BSE in transgenic mice expressing human prion protein". <i>Nature.</i> 1995 Dec 21-28;378(6559):779-83
B4	Cutlip RC, et al. "Intracerebral transmission of scrapie to cattle". <i>J Infect Dis.</i> 1994 Apr;169(4):814-20
B5	Erecinska M, et al. "ATP and brain function." <i>J Cereb Blood Flow Metab.</i> 1989 Feb;9(1):2-19
B6	Friedhoff AJ et al. "Creatine Kinase Isoenzyme Associated With Synaptosomal Membrane and Synaptic Vesicles", <i>Life Sciences</i> 1977, Vol. 20 pp, 867-874
B7	Gibbs CJ Jr, et al. "Experimental transmission of scrapie to cattle". <i>Lancet.</i> 1990 May 26;335(8700):1275
B8	Griffiths GR, et al. "Accumulation of analog of phosphocreatine in muscle of chicks fed 1-carboxymethyl-2-iminoimidazolidine (cyclocreatine)". <i>J Biol Chem.</i> 1976 Apr 10;251(7):2049-54
B9	Hemmer W, et al. "Creatine kinase isoenzymes in chicken cerebellum: specific localization of brain-type creatine kinase in Bergmann glial cells and muscle-type creatine kinase in Purkinje neurons". <i>Eur J Neurosci.</i> 1994 Apr 1;6(4):538-49
B10	Hemmer W, et al. "Functional aspects of creatine kinase in brain." <i>Dev Neurosci.</i> 1993;15(3-5):249-60
B11	Hiraga Y, et al. "High-performance liquid chromatographic analysis of guanidino compounds using ninhydrin reagent. II. Guanidino compounds in blood of patients on haemodialysis therapy." <i>J Chromatogr.</i> 1985 Aug 9;342(2):269-75
B12	Hourigan JL. "Experimentally induced bovine spongiform encephalopathy in cattle in Mission, Tex, and the control of scrapie." <i>J Am Vet Med Assoc.</i> 1990 May 15;196(10):1678-9
B13	Ito M. "The cellular basis of cerebellar plasticity." <i>Curr Opin Neurobiol.</i> 1991 Dec;1(4):616-20
B14	Khan MA. "Effect of calcium on creatine kinase activity of cerebellum. Histochemistry". 1976 Jul 30;48(1):29-32
B15	Lasmezas CI, et al. "BSE transmission to macaques". <i>Nature.</i> 1996 Jun 27;381(6585):743-4
B16	Lim L, et al. "Neurone-specific enolase and creatine phosphokinase are protein components of rat brain synaptic plasma membranes". <i>J Neurochem.</i> 1983 Oct;41(4):1177-82
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FOREIGN PATENT DOCUMENTS

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

C1	LoPresti P, et al. "Direct determination of creatine kinase equilibrium constants with creatine or cyclocreatin substrate". <i>Biochim Biophys Acta</i> . 1989 Oct 19;998(3):317-20
C2	Lowe G, et al. "Evidence for an associative mechanism in the phosphoryl transfer step catalyzed by rabbit muscle creatine kinase". <i>J Biol Chem</i> . 1980 May 10;255(9):3944-51
C3	Lillie JW, et al. "Cyclocreatin (1-carboxymethyl-2-iminoimidazolidine) inhibits growth of a broad spectrum of cancer cells derived from solid tumors." <i>Cancer Res</i> . 1993 Jul 1;53(13):3172-3178
C4	Maker HS, et al. "Regional changes in cerebellar creatine phosphate metabolism during late maturation". <i>Exp Neurol</i> . 1973 Feb;38(2):295-300
C5	Malloy GR et al. "Rat Brain Creatine Kinase Messenger RNA Levels Are High in Primary Cultures of Brain Astrocytes and Oligodendrocytes and Low in Neurons, Journal of Neurochemistry. 1992, pp. 1925-1932
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C7	Masood E. "'Mad cow' scare threatens political link between food and agriculture". <i>Nature</i> . 1996 Mar 28;380(6572):273-4
C8	McLaughlin AC, et al. "Specificity of creatine kinase for guanidino substrates. Kinetic and proton nuclear magnetic relaxation rate studies". <i>J Biol Chem</i> . 1972 Jul 10;247(13):4382-8
C9	Newman EA, "Regulation of potassium levels by glial cells in the retina" <i>TINS</i> 1985 April,
C10	No authors listed "Bovine spongiform encephalopathy: "Mad cow disease". <i>Nutr Rev</i> . 1996 Jul;54(7):208-10

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D1	Prusiner SB. "Human prion diseases and neurodegeneration". <i>Curr Top Microbiol Immunol.</i> 1996;207:1-17
D2	Prusiner SB. "The prion diseases". <i>Sci Am.</i> 1995 Jan;272(1):48-51, 54-7
D3	Prusiner SB. "Genetic and infectious prion diseases". <i>Arch Neurol.</i> 1993 Nov;50(11):1129-53
D4	Reichenbach A. "Glial K+ permeability and CNS K+ clearance by diffusion and spatial buffering". <i>Ann N Y Acad Sci.</i> 1991;633:272-86
D5	Roberts JJ, et al. "Higher homolog and N-ethyl analog of creatine as synthetic phosphagen precursors in brain, heart, and muscle, repressors of liver amidinotransferase, and substrates for creatine catabolic enzymes". <i>J Biol Chem.</i> 1985 Nov 5;260(25):13502-8
D6	Rowley GL, et al. "On the specificity of creatine kinase. New glycoacyamines and glycoacyamine analogs related to creatine" <i>J Am Chem Soc.</i> 1971 Oct 20;93(12):5542-51
D7	Roberts JJ, et al. "Synthesis and accumulation of an extremely stable high-energy phosphate compound by muscle, heart, and brain of animals fed the creatine analog, 1-carboxyethyl-2-iminoimidazolidine (homocyclocreatin)." <i>Arch Biochem Biophys.</i> 1983 Feb 1;220(2):563-71
D8	Wang T. "Synthesis and properties of N-acetimidoyl derivatives of glycine and sarcosine." <i>J Org Chem.</i> 1974 Nov 29;39(24):3591-4
D9	Will RG, et al. "A new variant of Creutzfeldt-Jakob disease in the UK." <i>Lancet.</i> 1996 Apr 6;347(9006):921-5
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